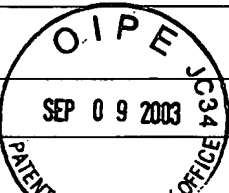
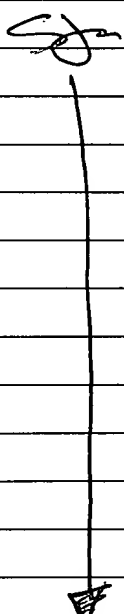


INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)


| | | | |
|-----------------------------------|---|-----------------------------|------------------------|
| Att. Docket No.: 06502.0115-01000 |  | Application No.: 809,201/09 | RECEIVED |
| Applicant: Kenneth ARNOLD et al. | | | SEP 10 2003 |
| Filing Date: March 16, 2001 | | Group 2152 | Technology Center 2100 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|---|-----------------|-----------|--------------------|-------|-----------|----------------------------|
|  | US5,101,346 | 3/31/1992 | Ohtsuki | | | 9/27/1989 |
| | US5,303,042 | 4/12/1994 | Lewis et al. | | | 3/25/1992 |
| | US5,506,984 | 4/9/1996 | Miller | | | 4/9/1996 |
| | US5,754,977 | 5/19/1998 | Gardner et al. | | | 3/6/1996 |
| | US5,761,507 | 5/2/1998 | Govett | | | 3/5/1996 |
| | US5,764,915 | 6/9/1998 | Heimsoth et al. | | | 3/8/1996 |
| | US6,034,925 | 3/7/2000 | Wehmeyer | | | 5/2/1996 |
| | US6,055,562 | 4/25/2000 | Devarakonda et al. | | | 5/1/1997 |
| | US6,058,381 | 5/2/2000 | Nelson | | | 10/30/1997 |
| | US6,078,655 | 6/20/2000 | Fahrer et al. | | | 8/27/1997 |
| | US6,192,044 B1 | 2/20/2001 | Mack | | | 3/31/1997 |
| | US6,199,068 B1 | 3/6/2001 | Carpenter | | | 5/21/1985 |
| | US6,219,675 B1 | 4/17/2001 | Pal et al. | | | 6/5/1997 |

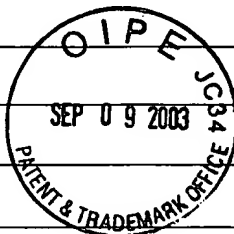
FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Country | Class | Sub Class | Translation Yes or No |
|-------------------|-----------------|------|---------|-------|-----------|-----------------------|
| | | | | | | |




| | |
|--|---|
| Examiner  | Date Considered: 11/24/04 |
| <p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | |
| Form PTO 1449 | Patent and Trademark Office - U.S. Department of Commerce |


INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

| | |
|------------------------------------|-----------------------------|
| Atty. Docket No.: 06502.0115-01000 | Application No.: 809,201/09 |
| Applicant: Kenneth ARNOLD et al. | |
| Filing Date: March 16, 2001 | Group 2152 |



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|--|
|  | "Java (TM) Object Serialization Specification", Sun Microsystems, Inc., XP-002242372, <www.dei.estg.iplei.pt/P3/N/material/extra/serial-spec-JDK1_2.pdf>, 1998 |
|  | "Java.io ObjectInputStream", XP-002243027, <java.sun.com/products/jdk/1.1/docs/guide/serialization/spec>, 1998, p. 1230-1232, 1263-1264 & 1283 |
|  | Opyrchal et al., "Efficient Object Serialization in Java", Department of Electrical Engineering and Computer Science, University of Michigan, May 5, 1999, |

| | |
|--|--------------------------|
| Examiner  | Date Considered: 1/24/04 |
|--|--------------------------|

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449

Patent and Trademark Office - U.S. Department of Commerce

RECEIVED

SEP 10 2003

Technology Center 2100

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket No.: 06502.0115-01000

Application No.: 809,201/09

Applicant: Kenneth ARNOLD et al.

Filing Date: March 16, 2001

Group 2152

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|-----------------|-------|-----------|----------------------------|
| <i>SJL</i> | US 5,774,729 | 6/30/1998 | Carney et al. | | | |
| <i>SJL</i> | US 6,003,050 | 12/14/1999 | Silver et al. | | | |
| <i>SJL</i> | US 6,253,256 B1 | 6/26/2001 | Wollrath et al. | | | |
| <i>SJL</i> | US 6,263,350 B1 | 7/17/2001 | Wollrath et al. | | | |
| <i>SJL</i> | US 6,272,559 B1 | 8/7/2001 | Jones et al. | | | |
| <i>SJL</i> | US 6,343,308 B1 | 1/29/2002 | Marchesseault | | | |

RECEIVED

FEB 21 2003

Technology Center 2100

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Country | Class | Sub Class | Translation Yes or No |
|-------------------|-----------------|------|---------|-------|-----------|-----------------------|
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|------------|---|
| <i>SJL</i> | Osborn, "The Role of Polymorphism in Schema Evolution in an Object-Oriented Database," IEEE Transactions on Knowledge and Data Engineering, Vol. 1, No. 3, Sept. 1989, pp. 310-317. |
|------------|---|

Examiner

SJL

Date Considered:

1/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Atty. Docket No.: 06502.0115-01000

Application No.: 809,201/09

Applicant: Kenneth ARNOLD et al.

Filing Date: March 16, 2001

Group 2152

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|-----------|---------------|-------|-----------|----------------------------|
| SP | US5,327,559 | 7/5/1994 | Priven et al. | | | |
| SP | US5,724,540 | 3/3/1998 | Kametani | | | |
| SP | US5,778,179 | 7/7/1998 | Kanai et al. | | | |
| SP | US5,961,582 | 10/5/1999 | Gaines | | | |
| SP | US6,385,643 B1 | 5/7/2002 | Jacobs et al. | | | |

RECEIVED

OCT 24 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Country | Class | Sub Class | Translation Yes or No |
|-------------------|-----------------|------|---------|-------|-----------|-----------------------|
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| SP | Kolodner et al., "Atomic Garbage Collection: Managing a Stable Heap," ACM, 1989, pp. 15-25. |
|----|---|

| | |
|--|--------------------------|
| Examiner  | Date Considered: 1/24/04 |
|--|--------------------------|

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.: 06502.0115-01000

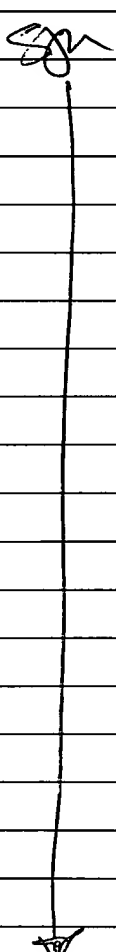
Application No.: 809,201/09

Applicant: Kenneth ARNOLD et al.

Filing Date: March 16, 2001

Group 2152

U.S. PATENT DOCUMENTS

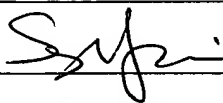
| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|--|-----------------|------------|--------------------|-------|-----------|----------------------------|
|  | US4,567,359 | 1/28/1986 | Lockwood | | | |
| | US4,992,940 | 2/12/1991 | Dworkin | | | |
| | US5,253,165 | 10/12/1993 | Leiseca et al. | | | |
| | US5,319,542 | 6/7/1994 | King, Jr. et al. | | | |
| | US5,544,040 | 8/6/1996 | Gerbaulet | | | |
| | US5,475,840 | 12/12/1995 | Nelson et al. | | | |
| | US5,511,196 | 4/23/1996 | Shackelford et al. | | | |
| | US5,592,375 | 1/7/1997 | Salmon et al. | | | |
| | US5,664,110 | 9/2/1997 | Green et al. | | | |
| | US5,664,111 | 9/2/1997 | Nahan et al. | | | |
| | US5,666,493 | 9/9/1997 | Wojcik et al. | | | |
| | US5,671,279 | 9/23/1997 | Elgamal | | | |
| | US5,694,551 | 12/2/1997 | Doyle et al. | | | |
| | US5,710,887 | 1/20/1998 | Chelliah et al. | | | |
| | US5,715,314 | 2/3/1998 | Payne et al. | | | |
| | US5,721,832 | 2/24/1998 | Westrope et al. | | | |
| | US5,727,048 | 3/10/1998 | Hiroshima et al. | | | |
| | US5,729,594 | 3/17/1998 | Klingman | | | |
| | US5,742,768 | 4/21/1998 | Gennaro et al. | | | |
| | US5,758,328 | 5/26/1998 | Giovannoli | | | |

RECEIVED

OCT 03 2002

Technology Center 2100

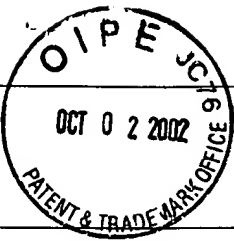
Examiner



Date Considered:

11/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)

| | |
|------------------------------------|-----------------------------|
| Atty. Docket No.: 06502.0115-01000 | Application No.: 809,201/09 |
| Applicant: Kenneth ARNOLD et al. | |
| Filing Date: March 16, 2001 | Group 2152 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|----------------------|-------|-----------|----------------------------|
| Sjm ↓ A | US5,790,677 | 8/4/1998 | Fox et al. | | | |
| | US5,794,207 | 8/11/1998 | Walker et al. | | | |
| | US5,809,144 | 9/15/1998 | Sirbu et al. | | | |
| | US5,850,442 | 12/15/1998 | Muftic | | | |
| | US5,963,924 | 10/5/1999 | Williams et al. | | | |
| | US5,778,179 | 7/7/1998 | Kanai et al. | | | |
| | US6,009,413 | 12/29/1999 | Webber et al. | | | |
| | US6,093,216 | 7/25/2000 | Adl-Tabatabai et al. | | | |
| | US6,216,158 B1 | 4/10/2001 | Luo et al. | | | |
| | US6,243,716 B1 | 6/5/2001 | Waldo et al. | | | |

RECEIVED

OCT 03 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

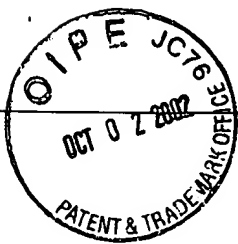
| Examiner Initial* | Document Number | Date | Country | Class | Sub Class | Translation Yes or N |
|-------------------|-----------------|------|---------|-------|-----------|----------------------|
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---------------|--|
| Sjm ↓ A | "Consumers Can View, Share Picture On-Line as Kodak Picture Network Goes 'Live'," Business Wire, Aug. 25, 1997, pp. 18-19. |
| | "ISN Dataweb Sells Software, Hardware," Datamation, Apr. 1, 1996, p. 40. |
| | "Kodak DC220 And DC260 Digital Cameras Are Shipping To Retailers Across The Country Cameras Art Optimized for USB Interface Supported in Windows 98," Business Wire, Jun. 24, 1998, pp. 42-44. |
| | "Kodak demonstrates leadership across entire photographic category," M2 Presswire, Feb. 13, 1998, pp. 31-35. |
| | "Kodak PhotoNet Online Makes It a Snap to Share Summer Photos," PR Newswire, Jul. 2, 1998, pp. 63-64. |

| | |
|---------------------|--------------------------|
| Examiner <i>Sjm</i> | Date Considered: 1/24/04 |
|---------------------|--------------------------|

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



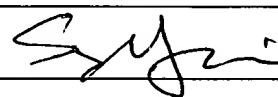
OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

| | | |
|------------------------------------|-----------------------------|--|
| Atty. Docket No.: 06502.0115-01000 | Application No.: 809,201/09 | RECEIVED OCT 03 2002 Technology Center 2100 |
| Applicant: Kenneth ARNOLD et al. | | |
| Filing Date: March 16, 2001 | Group 2152 | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| SM | "Kodak Picture Network Sends Prints Home From the Holidays," Business Wire, Dec. 29, 1997, pp. 58-60. |
| | "Photo processing made easy on the Internet; Storm Software and PicturVision team up with Konica Corp.," Business Wire, Feb. 22, 1996, pp. 3-4. |
| | "Seeing your photos a whole new way," Business Wire, Dec. 12, 1996, pp. 9-10. |
| | "Webwatch: MCI Announces Internet Access," Boardwatch Magazine, Jan. 1995. |
| | Administrator's Guide, Netscape Enterprise Server, Version 3.0, Netscape Communications Corp., 1998. |
| | Bandrowski, "Stores Without Doors: Kiosks Generate New Profits," Corporate Computing, Oct. 1992, pp. 193-195. |
| | Bruno, "Working the Web," Data Communications, Apr. 1997, pp. 50-60. |
| | Cohen, "Electronic Commerce," USC/Information Sciences Institute, Oct. 1989. |
| | Conhaim, "Online shopping: a beginner's guide; includes related listing of videotex services," Link-Up, Vol. 5, No. 6, p. 32, Nov. 1988. |
| | Design Project #2, Electronic Shopping at MIT, MIT Class 6.033 Handout 23, Massachusetts Institute of Technology, http://web.mit.edu/6.033/1995/handouts/html/h23.html , Spring 1995, pp. 1-6. |
| | Ellsworth, "Boom Town," Internet World, Jun. 1995, pp. 33-35. |
| | Estrin, "Inter-Organization Networks: Implications of Access Control Requirements for Interconnection Protocols," ACM, 1986, pp. 254-263. |
| | Fleischer, "SkyMall's 'Supplier Network' Takes Flight", Retailtech, The Technology Magazine for Retail Executives, April 1997. |
| | Foley, "Managing Campus-Wide Information Systems: Issues and Problems," Capitalizing on Communication, ACM SIGUCCS XVII, 1989, pp. 169-174. |
| | Fryxell, "eaasySABRE," Link-Up, May/June 1996, pp. 10-11. |
| | Gardner, "Kodak Follows Startup Into Online Photo Processing Business," Internet World, Sept. 8, 1997, pp. 5-6. |
| | Gogan et al., "Open Market, Inc.: Managing in a Turbulent Environment," Harvard Business School Publishing, Aug. 29, 1996, pp. 1-30. |
| | Israel et al., "Authentication in Office System Internetworks," ACM Transactions on Office Information Systems, Vol. 1, No. 3, July 1983, pp. 193-210. |

| | |
|---|---|
| Examiner  | Date Considered: 1/24/04 |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |
| Form PTO 1449 | Patent and Trademark Office - U.S. Department of Commerce |



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

RECEIVED

Atty. Docket No.: 06502.0115-01000

Application No.: 809,201/09

OCT 03 2002

Applicant: Kenneth ARNOLD et al.

Technology Center 2100

Filing Date: March 16, 2001

Group 2152

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|--|
| | Keller, "Smart Catalogs and Virtual Catalogs," Proceedings of the First USENIX Workshop of Electronic Commerce, USENIX Association, Jul. 11-12, 1995, pp. 125-131. |
| | Kline et al., "TRADE'ex: The Stock Exchange of the Computer Industry," Harvard Business School Publishing, 1996, pp. 1-14. |
| | KODAK PHOTONET FAQ, PhotoNet Online, Jun. 14, 2002, pp. 1-3. |
| | Kramer, "NETWATCH; The AJC's Daily Online Guide; Get the picture: Kodak will send photos to Web," The Atlanta Journal and Constitution, Sec. Features, pg. 08C, Jun. 5, 1997. |
| | Lampson et al., "Authentication in Distributed Systems: Theory and Practice," ACM Transactions n Computer Systems, Vol. 10, No. 4, Nov. 1992, pp. 265-310. |
| | Lansky, "Without APS, Photo Life Goes on Via Internet," Photographic Trade News, Aug. 1996, pp. 19-23. |
| | Lewis, "Pacific Bell, MCI to Expand Internet Service," The New York Times, sec. D, col. 1 at 3, Mar. 28, 1995. |
| | LightSurf Instant Imaging - Press Releases, "Kodak And LightSurf Collaborate On Kodak Picture Center Online," LifeSurf Technologies Inc., Jun. 14, 2002, pp. 1-3. |
| | Louwerse et al., "Data Protection Aspects in an Integrated Hospital Information System," North-Holland Computers & Security 3, 1984, pp. 286-294. |
| | McEnaney, "Point-and-Click Memory Sharing; Launches PhotoNet online digital photography and imaging services," Photographic Trade News, Sec. Pg. 23, Jan. 1997. |
| | Miller, "Web posting as a photo processing option," USA Today, Section: Life, pg. 17D, Dec. 13, 1996. |
| | Morris et al., "Andrew: A Distributed Personal Computing Environment," Communications of the ACM, Vol. 29, No. 3, March 1986, pp. 184-201. |
| | O'Mahony, "Security Considerations in a Network Management Environment," IEEE Network, May/June 1994, pp. 12-17. |
| | Oppen et al., "The Clearinghouse: A Decentralized Agent for Locating Names Objects in a Distributed Environment," ACM Transactions on Office Information Systems, Vol. 1, No. 3, July 1983, pp. 230-253. |
| | Petersen, "New But Not Improved," Direct Magazine, Nov. 1995. |
| | Press Release, "Sun Goes Live With The Kodak Picture Network," Sun Microsystems, Inc., Jun. 14, 2002, pp. 1-2. |

Examiner

Date Considered:

1/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)

Atty. Docket No.: 06502.0115-01000

Application No.: 809,201/09

Applicant: Kenneth ARNOLD et al.

RECEIVED

Filing Date: March 16, 2001

Group 2152

OCT 03 2002

Technology Center 2100

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|------------|---|
| <i>See</i> | Raeder, "Is there a Prodigy in your future?," Database Searcher, Vol. 5, No. 6, pg. 18. |
| | Ramm et al., "Exu - A System for Secure Delegation of Authority on an Insecure Network," Ninth System Administration Conference, 1995 LISA IX, Sept. 17-22, 1995, pp. 89-93 |
| | Satyanarayanan, "Integrating Security in a Large Distributed System," ACM Transactions on Computer Systems, Vol. 7, No. 3, Aug. 1989, pp. 247-280. |
| | Schroeder et al., "Experience with Grapevine: The Growth of a Distributed System," ACM Transactions on Computer Systems, Vol. 2, No. 1, Feb. 1984, pp. 3-23. |
| | Senn, "Capitalizing on Electronic Commerce: The Role of the Internet in Electronic Markets," Information Systems Management, Summer 1996, pp. 15-24. |
| | Steinke, "Design Aspects of Access Control in a Knowledge Base System," Computers & Security, 10, 1991, pp. 612-625. |
| | Stern, "Industry Net," Link-Up, Mar./Apr. 1995, p. 10. |
| | Tanenbaum et al., "Distributed Operating Systems," Computing Surveys, Vol. 17, No. 4, Dec. 1985, pp. 419-470. |
| | The Wall Street Journal, "Barclays Is Opening An 'Electronic Mall' For Internet Shopping," Tech. & Health Section at B2, Jun. 1, 1995. |
| | The Wall Street Journal, "Prodigy Plans to Announce Internet 'Electronic Mail'," Tech. Section at B5, Nov. 27, 1995. |
| | Trommer, "Thomas Unveils Online Purchasing Network - Eases Product Sourcing And Ordering Through EDI," Electronic Buyers' News at 60, Dec. 11, 1995. |
| | Van Den Berg et al., "Advanced Topics of a Computer Center Audit," North-Holland Computers & Security 3, 1984, pp. 171-185. |
| | Van Der Lans, "Data Security in a Relational Database Environment," North-Holland Computers & Security 5, 1986, pp. 128-134. |
| | Welz, "New Deals: A ripening Internet market, secure systems and digital currency are reshaping global commerce," Internet World, Jun. 1995, pp. 36-41. |
| | Wobber et al., "Authentication in the Taos Operating System," ACM, 1993, pp. 256-269. |
| | Wyatt, "Netscape Enterprise Server," Prima Publishing, 1996. |

Examiner

See

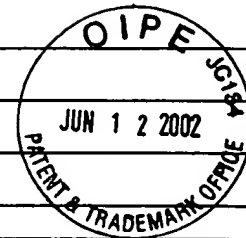
Date Considered:

1/24/04

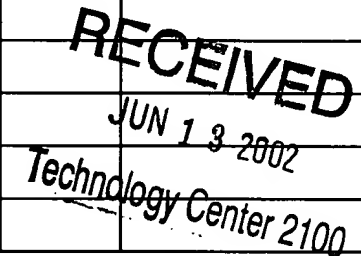
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

| | | | |
|------------------|-----------------------|------------|------------|
| Atty. Docket No. | 06502.0115-01000 | Appln. No. | 09/809,201 |
| Applicant | Kenneth ARNOLD et al. | | |
| Filing Date | March 16, 2001 | Group: | 2152 |



| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-----------------|------------|------------------|-------|-----------|----------------------------|--|
| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate | |
| SJ | US5,805,805 | 9/8/1998 | Civanlar et al. | | | | |
| SJ | US5,982,773 | 11/9/1999 | Nishimura et al. | | | | |
| SJ | US6,199,116 B1 | 3/6/2001 | May et al. | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|------------------|---------|-------|-----------|-----------------------|--|--|
| Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

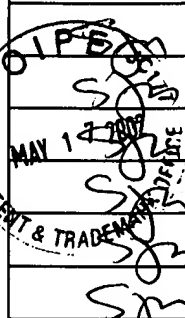
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
| SJ | Jacob, "The use of distributed objects and dynamic interfaces in a wide-area transaction environment," SIGCOMM '95 Workshop on Middleware: Cambridge, Mass., Aug. 1995, pp. 1-3. |
| | |
| | |
| | |

| | | | |
|---------------|--|---|----------|
| Examiner | SJ | Date Considered | 11/24/04 |
| *Examiner: | Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |
| Form PTO 1449 | | Patent and Trademark Office - U.S. Department of Commerce | |

INFORMATION DISCLOSURE CITATION

| | | | |
|------------------|-----------------------|------------|------------|
| Atty. Docket No. | 06502.0115-01000 | Appln. No. | 809,201/09 |
| Applicant | Kenneth ARNOLD et al. | | |
| Filing Date | March 16, 2001 | Group: | 2152 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|--|-----------------|------------|------------------|-------|-----------|----------------------------|
|  | US6,016,516 | 1/18/2000 | Horikiri | | | |
| | US6,032,151 | 2/29/2000 | Arnold et al. | | | |
| | US6,044,381 | 3/28/2000 | Boothby et al. | | | |
| | US6,134,603 | 10/17/2000 | Jones et al. | | | |
| | US6,182,083 B1 | 1/30/2001 | Scheifler et al. | | | |
| | US6,339,783 B1 | 1/15/2002 | Horikiri | | | |

RECEIVED

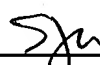
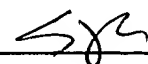
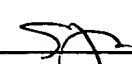



MAY 20 2002


Technology Center 2100

FOREIGN PATENT DOCUMENTS

| Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No |
|-----------------|------------------|---------|-------|-----------|-----------------------|
| | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|--|
|  | "Eden Project Proposal," Department of Computer Science, University of Washington, Oct. 1980, Technical Report #80-10-01, cover and Foreword. |
|  | Almes et al., "Edmas: A Locally Distributed Mail System," Department of Computer Science, University of Washington, Technical Report 83-07-01, July 7, 1983, Abstract & pp. 1-17. |
|  | Almes et al., "Research in Integrated Distributed Computing," Department of Computer Science, University of Washington, Oct. 1979, pp. 1-42. |
|  | Almes et al., "The Eden System: A Technical Review," Department of Computer Science, University of Washington, Technical Report 83-10-05, Oct. 1983, pp. 1-25. |
|  | Almes, "Integration and Distribution in the Eden System," Department of Computer Science, University of Washington, Technical Report 83-01-02, Jan. 19, 1983, pp. 1-18 & Abstract. |
|  | Almes, "The Evolution of the Eden Invocation Mechanism," Department of Computer Science, University of Washington, Technical Report 83-01-03, Jan. 19, 1983, pp. 1-14 & Abstract. |

| | |
|--|-------------------------|
| Examiner  | Date Considered 1/24/04 |
|--|-------------------------|

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449

Patent and Trademark Office - U.S. Department of Commerce

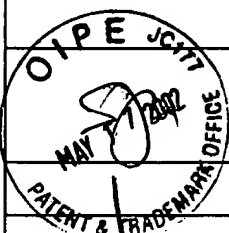
INFORMATION DISCLOSURE CITATION


| | | | |
|------------------|-----------------------|------------|------------|
| Atty. Docket No. | 06502.0115-01000 | Appln. No. | 809,201/09 |
| Applicant | Kenneth ARNOLD et al. | | |
| Filing Date | March 16, 2001 | Group: | 2152 |

RECEIVED

MAY 20 2002

Technology Center 2100

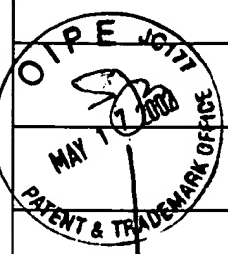
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|---|
|  | Arnold, Ken, "The Jini Architecture: Dynamic Services in a Flexible Network," Sun Microsystems, Inc., Proceedings of the 36th ACM IEEE Design Automation Conference, June 1999, pages 157-162. |
| | Begole et al., "Transparent Sharing of Java Applets: A Replicated Approach," 10/1997, pp. 55-65. |
| | Black et al., "A Language for Distributed Programming," Department of Computer Science, University of Washington, Technical Report 86-02-03, Feb. 1986, p. 10. |
| | Black et al., "Distribution and Abstract Types in Emerald," University of Washington, Technical Report No. 85-08-05, August 1985, pp. 1-10. |
| | Black et al., "Object Structure in the Emerald System," University of Washington, Technical Report 86-04-03, April 1986, pp. 1-14. |
| | Black et al., "The Eden Project: A Final Report," Department of Computer Science, University of Washington, Technical Report 86-11-01, Nov. 1986, pp. 1-28. |
| | Black, "Supporting Distributed Applications: Experience with Eden," Department of Computer Science, University of Washington, Technical Report 85-03-02, March 1985, pp. 1-21. |
| | Black, "The Eden Programming Language," Department of Computer Science, FR-35, University of Washington, Technical Report 85-09-01, Sept. 1985 (Revised Dec. 1985), pp. 1-19. |
| | Black, "The Eden Project: Overview and Experiences," Department of Computer Science, University of Washington, EUUG, Autumn '86 Conference Proceedings, Manchester, UK, Sept. 22-25, 1986, pp. 177-189. |
| | Braine et al., "Object-Flow," 1997, pp. 418-419 |
| | Ciancarini et al., "Coordinating Distributed Applets with Shade/Java," 2/1998, pp. 130-138. |
| | Delcambre et al., "Simulation of the Object Flow Model: A Conceptual Modeling Language for Object-Driven Applications," 1993, pp. 216-225. |
| | Goldberg et al., "Smalltalk-80 - The Language and its Implementation," Xerox Palo Alto Research Center, 1983 (reprinted with corrections, July 1985), pp. 1-720. |
| | Holman et al., "The Eden Shared Calendar System," Department of Computer Science, FR-35, University of Washington, Technical Report 85-05-02, June 22, 1985, pp. 1-14. |
| | Hsu, "Reimplementing Remote Procedure Calls," University of Washington, Thesis, March 22, 1985, pp. 1-106. |

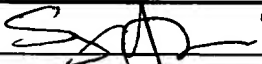
| | | | |
|---------------|--|---|---------|
| Examiner |  | Date Considered | 1/24/04 |
| *Examiner: | Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |
| Form PTO 1449 | | Patent and Trademark Office - U.S. Department of Commerce | |

INFORMATION DISCLOSURE CITATION

| | | | | |
|------------------|-----------------------|------------|------------|--|
| Atty. Docket No. | 06502.0115-01000 | Appln. No. | 809,201/09 | RECEIVED MAY 20 2002 Technology Center 2100 |
| Applicant | Kenneth ARNOLD et al. | | | |
| Filing Date | March 16, 2001 | Group: | 2152 | |

Technology Center 2100

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
|  | Hutchinson, "Emerald: An Object-Based Language for Distributed Programming," a Dissertation, University of Washington, 1987, pp. 1-107. |
| | Jul et al., "Fine-Grained Mobility in the Emerald System," University of Washington, ACM Transactions on Computer Systems, Vol. 6, No. 1, Feb. 1988, pp. 109-133. |
| | Jul, "Object Mobility in a Distributed Object-Oriented System," a Dissertation, University of Washington, 1989, pp. 1-154 (1 page Vita). |
| | Koshizuka et al., "Window Real-Objects: A Distributed Shared Memory for Distributed Implementation of GUI Applications," 11/1993, pp. 237-247. |
| | Krasner et al., "Smalltalk-80: Bits of History, Words of Advice," 1983, Xerox Corporation, pp. 1-344. |
| | Lavana et al., "Executable Workflows: A Paradigm for Collaborative Design on the Internet," 6/1997, 6 pages. |
| | Proceedings of the Eighth Symposium on Operating Systems Principles, December 14-16, 1981, ACM, Special Interest Group on Operating Systems, Association for Computing Machinery, Vol. 15, No. 5, Dec. 1981, ACM Order No. 534810. |
| | Proudfoot, "Replects: Data Replication in the Eden System," Department of Computer Science, University of Washington, Technical Report No. TR-85-12-04, Dec. 1985, pp. 1-156. |
| | Pu, "Replication and Nested Transaction in the Eden Distributed System," Doctoral Dissertation, University of Washington, August 6, 1986, pp. 1-179 (1 page Vita). |
| | Trehan et al., "Toolkit for Shared Hypermedia on a Distributed Object Oriented Architecture," 1993, pp. 1-8. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | | | |
|---------------|--|---|----------|
| Examiner |  | Date Considered | 11/24/04 |
| *Examiner: | Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |
| Form PTO 1449 | | Patent and Trademark Office - U.S. Department of Commerce | |

INFORMATION DISCLOSURE CITATION

| | |
|-----------------------------------|-----------------------|
| Atty. Docket No. 06502.0115-01000 | Appln. No. 09/809,201 |
| Applicant Kenneth ARNOLD et al. | |
| Filing Date March 16, 2001 | Group: 2152 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|-----------------|-------|-----------|----------------------------|
| SJ | 5,675,797 | 10/07/1997 | Chung et al. | | | |
| SJ | 6,263,379 B1 | 07/17/2001 | Atkinson et al. | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

RECEIVED
APR 16 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

| Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No |
|-----------------|------------------|---------|-------|-----------|-----------------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| SJ | Hodges, Douglas, "Managing Object Lifetimes in OLE," August 25, 1994, pp. 1-41. |
| | |
| | |
| | |

| | |
|---|-------------------------|
| Examiner SJ | Date Considered 1/24/04 |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |
| Form PTO 1449 Patent and Trademark Office - U.S. Department of Commerce | |

INFORMATION DISCLOSURE CITATION

| | | | |
|------------------|-----------------------|------------|------------|
| Atty. Docket No. | 6502.0115-01 | Serial No. | 09/809,201 |
| Applicant | Kenneth ARNOLD et al. | | |
| Filing Date | March 16, 2001 | Group: | 2152 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|------------------|-----------------|------------|------------------------|-------|-----------|----------------------------|
| <i>SJA</i> | 4,430,699 | 02/07/1984 | Segarra et al. | | | |
| | 4,558,413 | 12/10/1985 | Schmidt et al. | | | |
| | 5,392,280 | 02/21/1995 | Zheng | | | |
| | 5,758,344 | 05/26/1998 | Prasad et al. | | | |
| | 5,784,560 | 07/21/1998 | Kingdon et al. | | | |
| | 5,845,090 | 12/01/1998 | Collins, III et al. | | | |
| | 5,913,029 | 06/15/1999 | Shostak | | | |
| | 5,933,647 | 08/03/1999 | Aronberg et al. | | | |
| | 5,949,998 | 9/7/1999 | Fowlow et al. | | | |
| | 5,951,652 | 09/14/1999 | Ingrassia, Jr. et al. | | | |
| | 5,963,947 | 10/05/1999 | Ford et al. | | | |
| | 5,974,201 | 10/26/1999 | Chang et al. | | | |
| | 5,978,484 | 11/02/1999 | Apperson et al. | | | |
| | 5,999,988 | 12/07/1999 | Pelegri-Llopart et al. | | | |
| | 6,023,586 | 02/08/2000 | Gaisford et al. | | | |
| | 6,052,761 | 04/18/2000 | Hornung et al. | | | |
| | 6,058,383 | 05/02/2000 | Narasimhalu et al. | | | |
| | 6,067,575 | 05/23/2000 | McManis et al. | | | |
| | 6,085,255 | 07/04/2000 | Vincent et al. | | | |
| | 6,108,346 | 08/22/2000 | Doucette et al. | | | |
| | US 6,185,602 B1 | 02/06/2001 | Bayrakeri | | | |
| | US 6,185,611 B1 | 02/06/2001 | Waldo et al. | | | |
| | US 6,216,138 B1 | 04/10/2001 | Wells et al. | | | |
| | US 6,226,746 B1 | 05/01/2001 | Scheifler | | | |

| | | | |
|---------------|--|---|---------|
| Examiner | <i>SJA</i> | Date Considered | 1/24/04 |
| *Examiner: | Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |
| Form PTO 1449 | | Patent and Trademark Office - U.S. Department of Commerce | |

INFORMATION DISCLOSURE CITATION

| | | | |
|------------------|-----------------------|------------|------------|
| Atty. Docket No. | 6502.0115-01 | Serial No. | 09/809,201 |
| Applicant | Kenneth ARNOLD et al. | | |
| Filing Date | March 16, 2001 | Group: | 2152 |

U.S. PATENT DOCUMENTS

| Examiner | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|----------|-----------------|------------|---------------|-------|-----------|-------------------------------|
| 3jn | US 6,247,091 B1 | 06/12/2001 | Lovett | | | |
| 3jn | US 6,282,295 B1 | 08/28/2001 | Young et al. | | | |
| 3jn | US 6,282,568 B1 | 08/28/2001 | Sondur et al. | | | |
| | | | | | | |

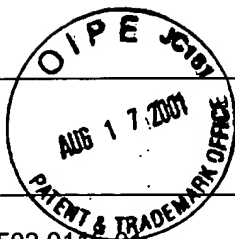
FOREIGN PATENT DOCUMENTS

| Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No |
|-----------------|------------------|---------|-------|-----------|--------------------------|
| | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| |
|--|
| |
|--|

| | | | |
|---------------|--|-----------------|---------|
| Examiner | <i>[Signature]</i> | Date Considered | 1/24/04 |
| *Examiner: | Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |
| Form PTO 1449 | Patent and Trademark Office - U.S. Department of Commerce | | |


INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

RECEIVED

Atty. Docket No. 6502.0115-01

Serial No.: 09/809,201

AUG 21 2001

Applicant: Kenneth C. R. C. Arnold, et al.

Technology Center 2100

Filing Date March 16, 2001

Group 2152

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|---------------------|-------|-----------|----------------------------|
| SPH | 4,491,946 | 1/1/1985 | Kryskow, Jr. et al. | | | |
| SPH | 4,713,806 | 12/15/1987 | Oberlander et al. | | | |
| SPH | 4,809,160 | 2/28/1989 | Mahon et al. | | | |
| SPH | 4,823,122 | 4/18/1989 | Mann et al. | | | |
| SPH | 4,939,638 | 7/3/1990 | Stephenson et al. | | | |
| SPH | 4,956,773 | 9/11/1990 | Saito et al. | | | |
| SPH | 5,088,036 | 2/11/1992 | Ellis et al. | | | |
| SPH | 5,109,486 | 4/28/1992 | Seymour | | | |
| SPH | 5,187,787 | 2/16/1993 | Skeen et al. | | | |
| SPH | 5,218,699 | 6/8/1993 | Brandle et al. | | | |
| SPH | 5,257,369 | 10/26/1993 | Skeen et al. | | | |
| SPH | 5,293,614 | 3/8/1994 | Ferguson et al. | | | |
| SPH | 5,297,283 | 3/22/1994 | Kelly, Jr. et al. | | | |
| SPH | 5,307,490 | 4/26/1994 | Davidson et al. | | | |
| SPH | 5,311,591 | 5/10/1994 | Fischer | | | |
| SPH | 5,339,435 | 8/16/1994 | Lubkin et al. | | | |
| SPH | 5,386,568 | 1/31/1995 | Wold et al. | | | |
| SPH | 5,390,328 | 2/14/1995 | Frey et al. | | | |
| SPH | 5,423,042 | 6/6/1995 | Jalili et al. | | | |
| SPH | 5,440,744 | 8/8/1995 | Jacobson et al. | | | |
| SPH | 5,448,740 | 9/5/1995 | Kiri et al. | | | |
| SPH | 5,452,459 | 9/19/1995 | Drury et al. | | | |
| SPH | 5,455,952 | 10/3/1995 | Gjovaag | | | |

Examiner

Date Considered:

11/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

RECEIVED

AUG 21 2001

Atty. Docket No. 6502.0115-01

Serial No.: 09/809,201

Applicant: Kenneth C. R. C. Arnold, et al.

Filing Date March 16, 2001

Group 2152

Technology Center 2100

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|--------------------|-------|-----------|----------------------------|
| CAH | 5,471,629 | 11/28/1995 | Risch | | | |
| CAH | 5,475,792 | 12/12/1995 | Stanford et al. | | | |
| CAH | 5,475,817 | 12/12/1995 | Waldo et al. | | | |
| CAH | 5,481,721 | 1/2/1996 | Serlet et al. | | | |
| CAH | 5,504,921 | 4/2/1996 | Dev et al. | | | |
| CAH | 5,511,197 | 4/23/1996 | Hill et al. | | | |
| CAH | 5,524,244 | 6/4/1996 | Robinson et al. | | | |
| CAH | 5,548,726 | 8/20/1996 | Pettus | | | |
| CAH | 5,553,282 | 9/3/1996 | Parrish et al. | | | |
| CAH | 5,555,367 | 9/10/1996 | Premierlani et al. | | | |
| CAH | 5,555,427 | 9/10/1996 | Aoe et al. | | | |
| CAH | 5,557,798 | 9/17/1996 | Skeen et al. | | | |
| CAH | 5,560,003 | 9/24/1996 | Nilsen et al. | | | |
| CAH | 5,561,785 | 10/1/1996 | Blandy et al. | | | |
| CAH | 5,577,231 | 11/19/1996 | Scalzi et al. | | | |
| CAH | 5,594,921 | 1/14/1997 | Pettus | | | |
| CAH | 5,603,031 | 2/11/1997 | White et al. | | | |
| CAH | 5,617,537 | 4/1/1997 | Yamada et al. | | | |
| CAH | 5,628,005 | 5/6/1997 | Hurvig | | | |
| CAH | 5,640,564 | 6/17/1997 | Hamilton et al. | | | |
| CAH | 5,644,768 | 7/1/1997 | Periwal et al. | | | |
| CAH | 5,652,888 | 7/29/1997 | Burgess | | | |
| CAH | 5,655,148 | 8/5/1997 | Richman et al. | | | |

Examiner

Date Considered:

1/24/01

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Atty. Docket No. 6502.0115-01

Serial No.: 09/809,201

RECEIVED

Applicant: Kenneth C. R. C. Arnold, et al.

AUG 21 2001

Filing Date March 16, 2001

Group 2152

Technology Center 2100

U.S. PATENT DOCUMENTS

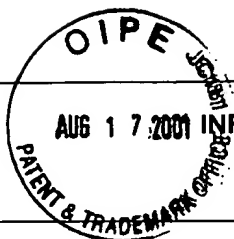
| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|------------------|-------|-----------|----------------------------|
| CM | 5,659,751 | 8/19/1997 | Heninger | | | |
| SGM | 5,671,225 | 9/23/1997 | Hooper et al. | | | |
| SGM | 5,675,796 | 10/7/1997 | Hodges et al. | | | |
| SGM | 5,680,573 | 10/21/1997 | Rubin et al. | | | |
| SGM | 5,680,617 | 10/21/1997 | Gough et al. | | | |
| SGM | 5,684,955 | 11/4/1997 | Meyer et al. | | | |
| SGM | 5,689,709 | 11/18/1997 | Corbett et al. | | | |
| SGM | 5,706,435 | 1/6/1998 | Barbara et al. | | | |
| SGM | 5,706,502 | 1/6/1998 | Foley et al. | | | |
| SGM | 5,724,588 | 3/3/1998 | Hill et al. | | | |
| SGM | 5,727,145 | 3/10/1998 | Nessett et al. | | | |
| SGM | 5,737,607 | 4/7/1998 | Hamilton et al. | | | |
| SGM | 5,745,678 | 4/28/1998 | Herzberg et al. | | | |
| SGM | 5,745,695 | 4/28/1998 | Gilchrist et al. | | | |
| SGM | 5,745,703 | 4/28/1998 | Cejtin et al. | | | |
| SGM | 5,745,755 | 4/28/1998 | Covey | | | |
| SGM | 5,748,897 | 5/5/1998 | Katiyar | | | |
| SGM | 5,754,849 | 5/19/1998 | Dyer et al. | | | |
| SGM | 5,757,925 | 5/26/1998 | Faybishenko | | | |
| SGM | 5,761,656 | 6/2/1998 | Ben-Shachar | | | |
| SGM | 5,764,897 | 6/9/1998 | Khalidi | | | |
| SGM | 5,768,532 | 6/16/1998 | Megerian | | | |
| SGM | 5,774,551 | 6/30/1998 | Wu et al. | | | |

Examiner

Date Considered:

1/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


INFORMATION DISCLOSURE CITATION
 (Use sev ral sheets if necessary)

RECEIVE

Atty. Docket No. 6502.0115-01

Serial No.: 09/809,201

AUG 21 200

Applicant: Kenneth C. R. C. Arnold, et al.

Technology Center 2100

Filing Date March 16, 2001

Group 2152

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|-----------------------|-------|-----------|----------------------------|
| SPH | 5,778,187 | 7/7/1998 | Monteiro et al. | | | |
| SPH | 5,778,228 | 7/7/1998 | Wei | | | |
| SPH | 5,778,368 | 7/7/1998 | Hogan et al. | | | |
| SPH | 5,787,425 | 7/28/1998 | Bigus | | | |
| SPH | 5,787,431 | 7/28/1998 | Shaughnessy | | | |
| SPH | 5,790,548 | 8/4/1998 | Sistanizadeh et al. | | | |
| SPH | 5,802,367 | 9/1/1998 | Held et al. | | | |
| SPH | 5,808,911 | 9/15/1998 | Tucker et al. | | | |
| SPH | 5,809,507 | 9/15/1998 | Cavanaugh, III | | | |
| SPH | 5,812,819 | 9/22/1998 | Rodwin et al. | | | |
| SPH | 5,813,013 | 9/22/1998 | Shakib et al. | | | |
| SPH | 5,815,149 | 9/29/1998 | Mutschler, III et al. | | | |
| SPH | 5,815,709 | 9/29/1998 | Waldo et al. | | | |
| SPH | 5,815,711 | 9/29/1998 | Sakamoto et al. | | | |
| SPH | 5,818,448 | 10/6/1998 | Katiyar | | | |
| SPH | 5,829,022 | 10/27/1998 | Watanabe et al. | | | |
| SPH | 5,832,219 | 11/3/1998 | Pettus | | | |
| SPH | 5,832,529 | 11/3/1998 | Wollrath et al. | | | |
| SPH | 5,832,593 | 11/10/1998 | Wurst et al. | | | |
| SPH | 5,835,737 | 11/10/1998 | Sand et al. | | | |
| SPH | 5,842,018 | 11/24/1998 | Atkinson et al. | | | |
| SPH | 5,844,553 | 12/1/1998 | Hao et al. | | | |
| SPH | 5,845,129 | 12/1/1998 | Wendorf et al. | | | |

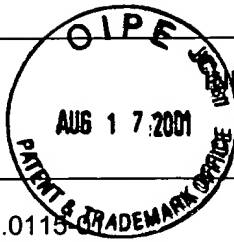
Examiner

SPH

Date Considered:

1/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

Atty. Docket No. 6502.0115

Serial No.: 09/809,201

Applicant: Kenneth C. R. C. Arnold, et al.

Filing Date March 16, 2001

Group 2152

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|------------------|-------|-----------|----------------------------|
| SM | 5,860,004 | 1/12/1999 | Fowlow et al. | | | |
| SM | 5,860,153 | 1/12/1999 | Matena et al. | | | |
| SM | 5,864,862 | 1/26/1999 | Kriens et al. | | | |
| SM | 5,864,866 | 1/26/1999 | Henckel et al. | | | |
| SM | 5,872,928 | 2/16/1999 | Lewis et al. | | | |
| SM | 5,872,973 | 2/16/1999 | Mitchell et al. | | | |
| SM | 5,875,335 | 2/23/1999 | Beard | | | |
| SM | 5,878,411 | 3/2/1999 | Borroughs et al. | | | |
| SM | 5,884,024 | 3/16/1999 | Lim et al. | | | |
| SM | 5,884,079 | 3/16/1999 | Furusawa | | | |
| SM | 5,887,134 | 3/23/1999 | Ebrahim | | | |
| SM | 5,889,951 | 3/30/1999 | Lombardi | | | |
| SM | 5,890,158 | 3/30/1999 | House et al. | | | |
| SM | 5,892,904 | 4/6/1999 | Atkinson et al. | | | |
| SM | 5,933,497 | 8/3/1999 | Beetcher et al. | | | |
| SM | 5,935,249 | 8/10/1999 | Stern et al. | | | |
| SM | 5,940,827 | 8/17/1999 | Hapner et al. | | | |
| SM | 5,944,793 | 8/31/1999 | Islam et al. | | | |
| SM | 5,946,485 | 8/31/1999 | Weeren et al. | | | |
| SM | 5,946,694 | 8/31/1999 | Copeland et al. | | | |
| SM | 5,956,509 | 9/21/1999 | Kevner | | | |
| SM | 5,966,531 | 10/12/1999 | Skeen et al. | | | |
| SM | 5,969,967 | 10/19/1999 | Aahlad et al. | | | |

Examiner

Date Considered:

11/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

RECEIVED

Atty. Docket No. 6502.0

Serial No.: 09/809,201

AUG 21 2001

Applicant: Kenneth C. R. C. Arnold, et al.

Technology Center 2100

Filing Date March 16, 2001

Group 2152

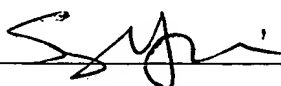
U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|------------------|-------|-----------|----------------------------|
| SPM | 5,987,506 | 11/16/1999 | Carter et al. | | | |
| SPM | 5,999,179 | 12/7/1999 | Kekic et al. | | | |
| SPM | 6,003,763 | 12/21/1999 | Gallagher et al. | | | |
| SPM | 6,009,103 | 12/28/1999 | Woundy | | | |
| SPM | 6,016,496 | 1/18/2000 | Roberson | | | |
| SPM | 6,026,414 | 2/15/2000 | Anglin | | | |
| SPM | 6,031,977 | 2/29/2000 | Pettus | | | |
| SPM | 6,061,699 | 5/9/2000 | DiCecco et al. | | | |
| SPM | 6,061,713 | 5/9/2000 | Bharadhwaj | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Country | Class | Sub Class | Translation Yes or No |
|-------------------|-----------------|------------|---------|-------|-----------|-----------------------|
| SPM | EP0 300 516 A2 | 1/25/1989 | EPO | | | |
| SPM | EP0 351 536 A3 | 1/24/1990 | EPO | | | |
| SPM | EP0 384 339 A3 | 8/29/1990 | EPO | | | |
| SPM | EP0 472 874 A1 | 3/4/1992 | EPO | | | |
| SPM | EP0 474 340 A2 | 3/11/1992 | EPO | | | |
| SPM | EP0 555 997 A2 | 8/18/1993 | EPO | | | |
| SPM | EP0 565 849 A2 | 10/20/1993 | EPO | | | |
| SPM | EP0 569 195 A3 | 11/10/1993 | EPO | | | |
| SPM | EP0 625 750 A2 | 11/23/1994 | EPO | | | |
| SPM | EP0 635 792 A2 | 1/25/1995 | EPO | | | |
| SPM | EP0 651 328 A1 | 5/3/1995 | EPO | | | |

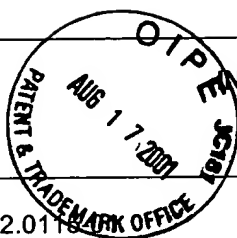
Examiner



Date Considered:

1/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

RECEIVED

Atty. Docket No. 6502.0118

Serial No.: 09/809,201

AUG 21 2001

Applicant: Kenneth C. R. C. Arnold, et al.

Technology Center 2100

Filing Date March 16, 2001

Group 2152

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Country | Class | Sub Class | Translation Yes or No |
|-------------------|-----------------|------------|---------------|-------|-----------|-----------------------|
| SPM | EP0 660 231 A2 | 6/28/1995 | EPO | | | |
| SPM | EP0 697 655 A2 | 2/21/1996 | EPO | | | |
| SPM | EP0 718 761 A1 | 6/26/1996 | EPO | | | |
| SPM | EP0 767 432 A2 | 4/9/1997 | EPO | | | |
| SPM | EP0 778 520 A2 | 6/11/1997 | EPO | | | |
| SPM | EP0 794 493 A2 | 9/10/1997 | EPO | | | |
| SPM | EP0 803 810 A2 | 10/29/1997 | EPO | | | |
| SPM | EP0 803 811 A2 | 10/29/1997 | EPO | | | |
| SPM | EP0 805 393 A2 | 11/5/1997 | EPO | | | |
| SPM | EP0 810 524 A1 | 12/3/1997 | EPO | | | |
| SPM | EP0 817 020 A2 | 1/7/1998 | EPO | | | |
| SPM | EP0 817 022 A2 | 1/7/1998 | EPO | | | |
| SPM | EP0 817 025 A2 | 1/7/1998 | EPO | | | |
| SPM | EP0 836 140 A2 | 4/15/1998 | EPO | | | |
| SPM | EPO 497 022 A1 | 8/5/1992 | EPO | | | |
| SPM | GB2 253 079 A | 8/26/1992 | Great Britain | | | |
| SPM | GB2 262 825 A | 6/30/1993 | Great Britain | | | |
| SPM | GB2 305 087 A | 3/26/1997 | Great Britain | | | |
| SPM | WO92/07335 | 4/30/1992 | PCT | | | |
| SPM | WO92/09948 | 6/11/1992 | PCT | | | |
| SPM | WO93/25962 A1 | 12/23/1993 | PCT | | | |
| SPM | WO94/03855 | 2/17/1994 | PCT | | | |

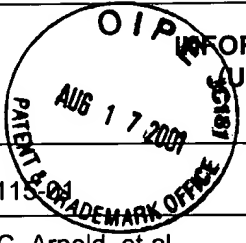

Examiner

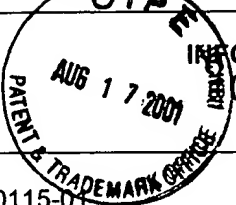
SPM

Date Considered:

1/24/04

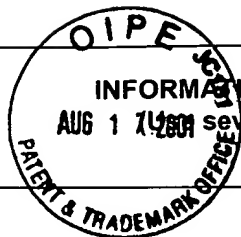
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) </div> </div> | | | | | | |
|--|--|-----------|---|---|-----------|------------------------|
| Atty. Docket No. 6502.0115-01 | | | | Serial No.: 09/809,201 <div style="text-align: right; font-weight: bold;">RECEIVED</div> | | |
| Applicant: Kenneth C. R. C. Arnold, et al. | | | | AUG 21 2001 | | |
| Filing Date March 16, 2001 | | | | Group 2152 | | Technology Center 2100 |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| Examiner Initial* | Document Number | Date | Country | Class | Sub Class | Translation Yes or No |
| SM | WO96/03692 | 2/8/1996 | PCT | | | |
| SM | WO96/10787 | 4/11/1996 | PCT | | | |
| SM | WO96/18947 | 6/20/1996 | PCT | | | |
| SM | WO96/24099 | 8/8/1996 | PCT | | | |
| SM | WO98/02814 | 1/22/1998 | PCT | | | |
| SM | WO98/04971 | 2/5/1998 | PCT | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| SM | "Java (TM) Remote Method Invocation Specification," Sun Microsystems, Inc., <java.sun.com/products/jdk1.2beta1>, 1997 | | | | | |
| SM | "Transparent Network Computing," Locus Computing Corporation, January 5, 1995 | | | | | |
| SM | Agha et al., "Actorspaces: An Open Distributed Programming Paradigm," University of Illinois, Report No. UIUCDCS-R-92-1766, Open Systems Laboratory TR No. 8, pp. 1-12, November 1992 | | | | | |
| SM | Ahmed et al., "A Program Building Tool for Parallel Applications," Yale University, pp. 1-23, December 1, 1993 | | | | | |
| SM | Aldrich et al., "Providing Easier Access to Remote Objects in Client-Server Systems," System Sciences, 1998, Proceedings of the 31st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 366-375. | | | | | |
| SM | Aldrich et al., "Providing Easier Access to Remote Objects in Distributed Systems," Calif. Institute of Technology, www.cs.caltech.edu/%7Ejedi/paper/jedipaper.html, Nov. 21, 1997 | | | | | |
| SM | Alexander et al., "Active Bridging," Proceedings of the ACM/SIGCOMM'97 Conference, Cannes, France, September 1997 | | | | | |
| SM | Anderson et al., "Persistent Linda: Linda + Transactions + Query Processing," Proceedings of the 13th Symposium on Fault Tolerant Systems, pp. 93-109, 1991 | | | | | |
| SM | Anonymous, "Change-Notification Service for Shared Files," IBM Technical Disclosure Bulletin, Vol. 36, No. 8, pages 77-82, XP002108713, New York, US, August 1993 | | | | | |
| SM | Anonymous, "Resource Preemption for Priority Scheduling," IBM TECHNICAL DISCLOSURE BULLETIN, vol. 16, no. 6, page 1931, XP002109435 New York, US, November 1973 | | | | | |
| SM | Beech et al., "Object Databases as Generalizations of Relational Databases," Computer Standards & Interfaces, Vol. 13, Nos. 1/3, pp. 221-230, Amsterdam, NL, January 1991 | | | | | |
| SM | Bertino et al., "Object-Oriented Database Management Systems: Concepts and Issues," Computer, Vol. 24, No. 4, pp. 33-47, Los Alamitos, CA, April 1991 | | | | | |
| Examiner  | | | Date Considered: 1/24/04 | | | |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | |
| Form PTO 1449 | | | Patent and Trademark Office - U.S. Department of Commerce | | | |

| | | |
|---|------------|---|
|  | | RECEIVED AUG 21 2001 Technology Center 210 |
| Atty. Docket No. 6502.0115-01 | | Serial No.: 09/809,201 |
| Applicant: Kenneth C. R. C. Arnold, et al. | | |
| Filing Date March 16, 2001 | Group 2152 | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
| <i>SJR</i> | Betz et al., "Interoperable Objects: Laying the Foundation for Distributed Object Computing," Dr. Dobbs's Journal, Vol. 19, No. 11, page 18(13), October 1994 |
| <i>SJR</i> | Bevan et al., "An Efficient Reference Counting Solution To The Distributed Garbage Collection Problem," Parallel Computing, NL, Elsevier Science Publishers, Amsterdam, Vol. 9, No. 2, pages 179-192, January 1989 |
| <i>SJR</i> | Birrell et al., "Distributed Garbage Collection for Network Objects," Digital Systems Research Center, No. 116, pages 1-18, December 15, 1993 |
| <i>SJR</i> | Birrell et al., "Grapevine: An Exercise in Distributed Computing," Communications of the ACM, Vol. 25, No. 4, pp. 260-274, April 1982 |
| <i>SJR</i> | Birrell et al., "Implementing Remote Procedure Calls," ACM Transactions on Computer Systems, Vol. 2, No. 1, pp. 39-59, February 1984 |
| <i>SJR</i> | Birrell et al., "Network Objects," DEC SRC Research Report 115, February 28, 1994 |
| <i>SJR</i> | Birrell et al., "Network Objects," Operating Systems Review, Vol. 27, No. 5, pp. 217-230, December 1993 |
| <i>SJR</i> | Burns et al., "An Analytical Study of Opportunistic Lease Renewal," Distributed Computing Systems, IEEE 21st International Conference, pp. 146-153, April 2000. |
| <i>SJR</i> | Cannon et al., "Adding Fault-Tolerant Transaction Processing to LINDA," Software-Practice and Experience, Vol. 24(5), pp. 449-466, May 1994 |
| <i>SJR</i> | Cardelli, "Obliq, A Lightweight Language For Network Objects," Digital SRC, pp. 1-37, November 5, 1993 |
| <i>SJR</i> | Carriero et al., "Distributed Data Structures in Linda," Principles of Programming Language, pp. 1-16, 1986 |
| <i>SJR</i> | Carriero et al., "Distributed Data Structures in Linda," Yale Research Report YALEU/DCS/RR-438, November 1985 |
| <i>SJR</i> | Chung et al., "A 'Tiny' Pascal Compiler: Part 1: The P-Code Interpreter," BYTE Publications, Inc., September 1978 |
| <i>SJR</i> | Chung et al., "A 'Tiny' Pascal Compiler: Part 2: The P-Compiler," BYTE Publications, Inc., October 1978 |
| <i>SJR</i> | Coulouris et al., "Distributed Systems Concepts and Designs," Second Edition, Addison-Wesley, 1994 |
| <i>SJR</i> | Dave et al., "Proxies, Application Interface, And Distributed Systems," Proceedings International Workshop On Object Orientation In Operating Systems, pages 212-220, September 24, 1992 |
| <i>SJR</i> | Deux et al., "The O2 System," Communications Of The Association For Computing Machinery, Vol. 34, No. 10, pages 34-48, October 1, 1991 |
| <i>SJR</i> | Dijkstra, "Self-stabilizing Systems in Spite of Distributed Control," Communications of the ACM, Vol. 17, No. 11, pp. 643-644, November 1974 |

| | |
|---|---------------------------|
| Examiner <i>SJR</i> | Date Considered: 11/29/04 |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |
| Form PTO 1449 | |
| Patent and Trademark Office - U.S. Department of Commerce | |



INFORMATION DISCLOSURE CITATION

AUG 1 1981 (several sheets if necessary)

Atty. Docket No. 6502.0115-01

Serial No.: 09/809,201

RECEIVED

Applicant: Kenneth C. R. C. Arnold, et al.

AUG 21 2001

Filing Date March 16, 2001

Group 2152

Technology Center 2100

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| SP | Dolev et al., "On the Minimal Synchronism Needed for Distributed Consensus," Journal of the ACM, Vol. 34, No. 1, pp. 77-97, January 1987 |
| SP | Dollimore et al., "The Design of a System for Distributing Shared Objects," The Computer Journal, No. 6, Cambridge, GB, Dec. 1991 |
| SP | Dourish, "A Divergence-Based Model of Synchrony and Distribution in Collaborative Systems," Xerox Technical Report EPC-1194-102, pp. 1-10, 1994 |
| SP | Drexler et al., "Incentive Engineering for Computational Resource Management," The Ecology of Computation, Elsevier Science Publishers B.V., pp. 231-266, 1988. |
| SP | Droms, "RFC 1541 Dynamic Host Configuration Protocol," < http://www.cis.ohio-state.edu/htbin/rfc/rfc1541.html >, pages 1-33, October 1993 |
| SP | Emms, "A Definition Of An Access Control Systems Language," Computer Standards And Interfaces, Vol. 6, No. 4, pp. 443-454, January 1, 1987 |
| SP | Fleisch et al., "High Performance Distributed Objects Using Distributed Shared Memory & Remote Method Invocation," System Sciences, 1998, Proceedings of the 31st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 574-578 |
| SP | Gelernter et al., "Parallel Programming in Linda," Yale University, pp. 1-21, January 1985 |
| SP | Gelernter, "Generative Communication in Linda," ACM Transactions on Programming Languages and Systems, Vol. 7, No. 1, pp. 80-112, January 1985 |
| SP | Gosling et al., "The Java (TM) Language Specification," Addison-Wesley, 1996 |
| SP | Gottlob et al., "Extending Object-Oriented Systems with Roles," ACM Transactions On Information Systems, Vol. 14, No. 3, pp. 268-296, July 1996 |
| SP | Gray et al., "Leases: An Efficient Fault-Tolerant Mechanism for Distributed File Cache Consistency," ACM, pp. 202-210, 1989 |
| SP | Gray et al., "Leases: An Efficient Fault-Tolerant Mechanism for Distributed File Cache Consistency," Proceedings of the 12th ACM Symposium on Operating Systems Principles, pp. 202-210, 1989 |
| SP | Guth, "JavaOne: Sun to Expand Java Distributed Computing Effort," < http://www.sunworld.com/swol-02-1998/swol-02-sunspots.html >, XP-002109935, P.1, February 20, 1998 |
| SP | Guyennet et al., "A New Consistency Protocol Implemented in the CALiF System," IEEE, 1094-7256/97, pp. 82-87, 1997 |
| SP | Guyennet et al., "Distributed Shared Memory Layer for Cooperative Work Applications," IEEE, 0742-1303/97, pp. 72-78, 1997 |
| SP | Hamilton et al., "Subcontract: A Flexible Base For Distributed Programming," Proceedings of 14th Symposium of Operating System Principles, December 1993 |
| SP | Hamilton, "Java and the Shift to Net-Centric Computing," Computer, pp. 31-39, August 1996 |
| SP | Harris et al., "Proposal for a General Java Proxy Class for Distributed Systems and Other Uses," Netscape Communications Corp., June 25, 1997 |

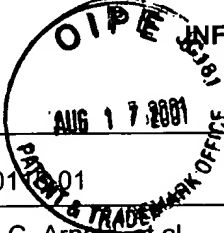
Examiner

SP

Date Considered:

11/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|---|--|------------------------------------|
|  | | RECEIVED AUG 21 2001 |
| Atty. Docket No. 6502.01/01 | | Serial No.: 09/809,201 |
| Applicant: Kenneth C. R. C. Arnold, et al. | | Technology Center 210C |
| Filing Date March 16, 2001 | Group 2152 | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
| can | Hartman et al., "Liquid Software: A New Paradigm For Networked Systems," Technical Report 96-11, Department of Comp. Sci., Univ. of Arizona, June 1996 | |
| dxn | Howard et al., "Scale and Performance in a Distributed File System," ACM Transactions on Computer Systems, Vol. 6, No. 1, pp. 51-81, February 1988 | |
| syn | Hoshi et al., "Allocation of the Cross-Connect Function in Leased Circuit Networks," 1992, ICC' 92, Conference record, SUPERCOMM/ICC 92, A New World of Communications, IEEE International Conference, pp. 1408-1412. | |
| syn | Hunt, "IDF: A Graphical Data Flow Programming Language for Image Processing and Computer Vision," Proceedings of the International Conference on Systems, Man, and Cybernetics, pp. 351-360, Los Angeles, Nov. 4-7, 1990 | |
| syn | IBM (TM) Technical Disclosure Bulletin, "Object Location Algorithm," Vol. 36, No. 09B, pp. 257-258, September 1993 | |
| can | IBM (TM) Technical Disclosure Bulletin, "Retrieval of Qualified Variables Using Extendible Hashing," Vol. 36, No. 12, pp. 301-303, December 1993 | |
| syn | IBM Technical Disclosure Bulletin, "Local Network Monitoring to Populate Access Agent Directory," Vol. 36, No. 09A, pp. 403-405, September 1993 | |
| syn | IBM, "Chapter 6 - Distributed SOM (DSOM)," SOMobjects Developer Toolkit Users Guide, Version 2.1, pages 6-1-6-90, October 1994 | |
| syn | Jaworski, "Java 1.1 Developer's Guide, 2nd Edition," Sams.net, 1997 | |
| syn | Jones et al., "Garbage Collection: Algorithms for Automatic Dynamic Memory Management," pages 165-175, John Wiley & Sons, 1996 | |
| syn | Kambhatla et al., "Recovery with Limited Replay: Fault-Tolerant Processes in Linda," Oregon Graduate Institute, Technical Report CSIE 90-019, pp. 1-16, September 1990 | |
| syn | Kay et al., "An Overview of the Raleigh Object-Oriented Database System," ICL Technical Journal, Vol. 7, No. 4, pp. 780-798, Oxford, GB, November 1991 | |
| syn | Kougiouris et al., "Support for Space Efficient Object Invocation in Spring," September 1994 | |
| syn | Krasner, "The Smalltalk-80 Virtual Machine," BYTE Publications Inc., pp. 300-320, August 1991 | |
| syn | Lamport et al., "The Byzantine Generals Problem," ACM Transactions on Programming Languages and Systems, Vol. 4, No. 3, pp. 382-401, July 1982 | |
| syn | LINDA Database Search, pp. 1-68, July 20, 1995 | |
| syn | Lindholm et al., "The Java (TM) Virtual Machine Specification," Addison Wesley, 1996 | |
| syn | Liskov et al., "Distributed Object Management in Thor," International Workshop on Distributed Object Management, p. 12, 1992 | |
| syn | McDaniel, "An Analysis of a Mesa Instruction Set," Xerox Corporation, May 1982 | |

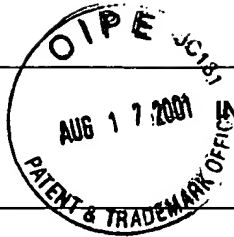
Examiner

Syn

Date Considered:

1/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

RECEIVED

Atty. Docket No. 6502.0115-01

Serial No.: 09/809,201

AUG 21 2001

Applicant: Kenneth C. R. C. Arnold, et al.

Filing Date March 16, 2001

Group 2152

Technology Center 2100

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| ea | McGrath, "Discovery and Its Discontents: Discovery Protocols for Ubiquitous Computing," Presented at Center for Excellence in Space Data and Information Science, NASA Goddard Space Flight Center, April 5, 2000 |
| gm | Mitchell et al., "An Overview of the Spring System," February 1994 |
| gm | Mitchell et al., "Mesa Language Manual," Xerox Corporation, Palo Alto Research Center, 1978 |
| gm | Mullender, "Distributed Systems," Second Edition, Addison-Wesley, 1993 |
| gm | Mummert et al., "Long Term Distributed File Reference Tracing: Implementation and Experience," Carnegie Mellon University School of Computer Science, pp. 1-28, November 1994 |
| gm | MUX-Elektronik, Java 1.1 Interactive Course, www.lis.se/~mux/javaic.html, 1995 |
| gm | Operating Systems Review, ACM Press, Vol. 27, No. 5, December 1993, pp. 217-230. |
| gm | Orfali et al., "The Essential Distributed Objects Survival Guide," Chapter 11: Corba Commercial ORBs, pages 203-215, John Wiley & Sons, Inc., 1996 |
| gm | Ousterhout et al., "The Sprite Network Operating System," Computer, IEEE, pp. 23-36, February 1988 |
| gm | Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," IEEE Conference Proceedings, The 10th Annual International Symposium on Computer Architecture, 1983 |
| gm | Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," Xerox Corporation, August 1983 |
| gm | Pinakis, "Using Linda as the Basis of an Operating System Microkernel," University of Western Australia, Department of Computer Science, pp. 1-165, August 1993 |
| gm | Riggs et al., "Pickling State in the Java (TM) System," USENIX Association Conference on Object-Oriented Technologies and Systems, XP-002112719, pp. 241-250, June 17-21, 1996 |
| gm | Rosenberry et al., "Understanding DCE," Chapters 1-3, 6, 1992 |
| gm | Sharrott et al., "ObjectMap: Integrating High Performance Resources into a Distributed Object-oriented Environment," ICODP, 1995 |
| gm | Stevenson, "Token-Based Consistency of Replicated Servers," IEEE, CH2686-4/89/0000/0179, pp. 179-183, 1989 |
| gm | Thompson, "Regular Expression Search Algorithm," Communications of the ACM, Volume II, Number 6, p. 149 et seq., June 1968 |
| gm | Venners, "Jini Technology, Out of the Box," JAVAWORLD, 'Online!', pp. 1-4, December 1998 |
| gm | Waldo et al., "Events In An RPC Based Distributed System," Proceedings Of The 1995 USENIX Technical Conference, Proceedings USENIX Winter 1995 Technical Conference, New Orleans, LA, USA, 16-20, pages 131-142, January 1995 |

Examiner

Date Considered:

11/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

| | | |
|---|--|------------------------------------|
| Atty. Docket No. 6502.0115 | Serial No.: 09/809,201 | RECEIVED AUG 21 2001 |
| Applicant: Kenneth C. R. C. Arnold, et al. | | |
| Filing Date March 16, 2001 | Group 2152 | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
| 3jm | Wilson et al., "Design of the Opportunistic Garbage Collector," Proceedings of the Object Oriented Programming Systems Languages And Applications Conference, New Orleans, Vol. 24, No. 10, October 1989 | |
| Sjm | Wolrath et al., "A Distributed Object Model for the Java™ System," USENIX Association, Conference on Object-Oriented Technologies & Systems, June 17-21, 1996. | |
| Sjm | Wu, "A Type System For An Object-Oriented Database System," Proceedings of the International Computer Software and Applications Conference (COMPSAC), Tokyo, Japan, pp. 333-338, Sept. 11-13, 1991 | |
| Sjm | Yemini et al., "Towards Programmable Networks," IFIP/IEEE International Workshop on Distributed Systems: Operations and Management, L'Aquila, Italy, October 1996 | |
| Sjm | Yin et al., "Using Leases to Support Server-Driven Consistency in Large-Scale Systems," Computer Services Department, University of Texas at Austin, p. 285-294, May 26-29, 1998 | |
| Sjm | Yin et al., "Volume Leases for Consistency in Large-Scale Systems," IEEE Transactions on Knowledge & Data Engineering, Vol. 11, No. 4, pp. 563-576, July/August 1999 | |

OMB No. 0651-0011

| | |
|---|---|
| Examiner <i>Sjm</i> | Date Considered: 1/24/04 |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |
| Form PTO 1449 | Patent and Trademark Office - U.S. Department of Commerce |